



# Wolf Creek Dam Weekly Update

US Army Corps of Engineers  
Nashville District

10 Apr 2007

## Construction Report

**Foundation Grouting.** ACT continued the drilling and grouting operation parallel to the dam in the gallery. This will supplement the down stream grout line in the 800' critical reach. A total of 25 holes have been drilled and 22 of those have been grouted. Prosonic successfully drilled through the overburden to top of rock using the sonic method. They and cased 2 holes (Stations 35+70 & 35+80) and started a third at 36+40.

Kiewit continued construction of outer retention berm to station 58+00 and embankment to station 50+50 on the permanent platform. Unsuitable material is being removed and supplemented with offsite borrow. Concrete placement continued from Station 43+00 and forming extends to Station 46+00. Kiewit also continued to drive sheet piling on the embankment on the night shift, and have advanced to approximate station 70+00.

**Halcomb's Landing.** VCI-Doyon continued to drill, blast, haul, and compact rock in parking lot (Phase 3 area) and at the new Powerhouse Road location. Electric line relocations have also continued and the water line relocations have finished. Material for the new boat ramp began arriving.

**Drawdown Mitigation.** Work at the marinas and Corp-operated boat ramps continues to progress as scheduled. Lake Cumberland visitation numbers have increased for the month of February. This February there were 162, 204 visitors to the lake compared to 159, 951 visitors during the same month last year.



Subcontractor Kiewit continues progress on the work platform.

### This Week's Activities

- Continue drilling and grouting in the gallery
- Continue to drive sheet pile for permanent work platform
- Continue sonic drilling on the permanent work platform
- Continue installation of PVC casing on the embankment
- Continue to drill, blast, and compact shot rock in Halcomb's landing parking lot, Phase III
- Continue excavation on boat ramp access road and begin haul operations to the new Power House Road
- Continue electric and water line relocations

### Upcoming Public Meetings

12 Apr 2007     Hartsville, TN     19 Apr 2007     Mt. Juliet, TN

## Water Management Report

The headwater elevation at Lake Cumberland is 681.4. There are numerous downstream water management constraints on how releases from Wolf Creek Dam can be scheduled. The lake level will continue to be lowered until the pool gets to the 680.5 range. At that point releases will be

reduced to best manage for project and downstream requirements. The five day forecast includes 0.75 inch of rain for the Lake Cumberland watershed. Water management conditions are evaluated on a daily basis. The daily reservoir system forecast reflects any change in conditions and/or system requirements.

### Lake Cumberland Elevation

**681.4**

Time: 0600  
10 Apr 2007

